

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A theft prevention system ~~comprising~~^{including} an object control device for controlling a prescribed operation of an object targeted for theft prevention;[[,]] and a mobile terminal device for instructing the object control device to control the prescribed operation,

wherein the mobile terminal device ~~includes~~^{comprising}:

an instruction transmitting unit operable to transmit₁ to the object control device₁ a warning mode instruction indicating to set a warning mode;

an electronic key receiving unit operable to receive an electronic key from the object control device;

an electronic key storage unit;

an electronic key writing unit operable to write the received electronic key to the electronic key storage unit; and

a control instructing unit operable to instruct the object control device to control the prescribed operation, using the stored electronic key, and

wherein the object control device ~~includes~~^{comprising}:

an instruction receiving unit operable to receive the warning mode instruction;

a mode setting unit operable to set the warning mode on receipt of the warning mode instruction;

an electronic key generating unit operable to generate the electronic key on receipt of the warning mode instruction;

an electronic key transmitting unit operable to transmit the generated electronic key to the mobile terminal device; and

an object control unit operable, when the warning mode has been set, to control the prescribed operation exclusively in accordance with the control instruction from the mobile terminal device using the electronic key.

2. (Currently Amended) A mobile terminal device for instructing an object control device to control a prescribed operation of an object targeted for theft prevention, comprising:

an instruction transmitting unit operable to transmit₁ to the object control device₁ a warning mode instruction indicating to set a warning mode;

an electronic key receiving unit operable to receive an electronic key from the object

control device;

an electronic key storage unit;

an electronic key writing unit operable to write the received electronic key to the electronic key storage unit; and

a control instructing unit operable to instruct the object control device to control the prescribed operation, using the stored electronic key.

3. (Currently Amended) The mobile terminal device of Claim 2, wherein

the instruction transmitting unit further transmits₂ to the object control device₂ a normal mode instruction indicating to set a normal mode, and

the mobile terminal device further comprises:

a completion notification receiving unit operable to receive₂ from the object control device₂ a completion notification that indicates completion of normal mode setting; and

an electronic key deleting unit operable to delete the stored electronic key on receipt of the completion notification.

4. (Original) The mobile terminal device of Claim 2, wherein the electronic key storage unit is a portable memory card.

5. (Original) The mobile terminal device of Claim 2, wherein

the mobile terminal device is a mobile telephone,

the instruction transmitting unit transmits the warning mode instruction via a mobile telephone network, and

the electronic key receiving unit receives the electronic key via the mobile telephone network.

6. (Original) The mobile terminal device of Claim 2, wherein

the control instructing unit instructs the object control device to control the prescribed operation, by transmitting the electronic key and control instruction information prescribing the control, by short range radio to the object control device.

7. (Original) An object control device for controlling a prescribed operation of an object targeted for theft prevention in response to a control instruction from a mobile terminal device, comprising:

an instruction receiving unit operable to receive a warning mode instruction indicating to set a warning mode;

a mode setting unit operable to set the warning mode on receipt of the warning mode instruction;

an electronic key generating unit operable to generate an electronic key;

an electronic key transmitting unit operable to transmit the generated electronic key to the mobile terminal device; and

an object control unit operable, when the warning mode has been set, to control the prescribed operation exclusively in accordance with the control instruction from the mobile terminal device using the electronic key.

8. (Original) The object control device of Claim 7, wherein

when the warning mode has been set, the object control unit prohibits a prescribed operation from being performed using a mechanical key.

9. (Original) The object control device of Claim 7, wherein

the instruction receiving unit further receives from the mobile terminal device a normal mode instruction indicating to set a normal mode,

on receipt of the normal mode instruction, the mode setting unit further sets the normal mode,

the object control device further comprises a completion notification transmitting unit operable to transmit to the mobile terminal device a completion notification indicating completion of normal mode setting, and

when the normal mode has been set, the object control unit prohibits the prescribed operation from being performed in accordance with the control instruction from the mobile terminal device using the electronic key.

10. (Original) The object control device of Claim 9, wherein

when the normal mode has been set, the object control unit controls the prescribed operation of the target object in accordance with a mechanical key.

11. (Original) The object control device of Claim 7, wherein
the instruction receiving unit receives the warning mode instruction from the mobile terminal device.

12. (Original) The object control device of Claim 7, wherein
the instruction receiving unit receives the warning mode instruction from a mobile terminal device other than the mobile terminal device.

13. (Original) The object control device of Claim 7, wherein
the target object is provided with a sensor unit operable to output the warning mode instruction to the object control device on sensing an irregularity, and
the instruction receiving unit receives the warning mode instruction from the sensor unit.

14. (Original) The object control device of Claim 7, wherein
the mobile terminal device is a mobile telephone, and
the instruction receiving unit receives the warning mode instruction from the mobile telephone via a mobile telephone network.

15. (Original) The object control device of Claim 7, wherein
the object control unit receives the electronic key and control instruction prescribing the control of the prescribed operation of the target object from the mobile terminal device by short-range radio, and controls the prescribed operation in accordance with the received control instruction using the received electronic key.

16. (Currently Amended) A theft prevention system ~~comprising~~including an object control device for controlling a prescribed operation of an object targeted for theft prevention; ~~[[,]]~~ a first mobile terminal device for transmitting a warning instruction to the object control device; and a second mobile terminal device for instructing the object control device to control the prescribed

operation,

wherein the first mobile terminal device ~~includes~~comprising:

an instruction transmitting unit operable to transmit₁ to the object control device₁ a warning mode instruction indicating to set a warning mode, and

wherein the second mobile device ~~includes~~comprising:

an electronic key receiving unit operable to receive an electronic key from the object control device;

an electronic key storage unit;

an electronic key writing unit operable to write the received electronic key to the electronic key storage unit; and

a control instructing unit operable to instruct the object control device to control the prescribed operation, using the stored electronic key, and

wherein the object control device ~~includes~~comprising:

an instruction receiving unit operable to receive the warning mode instruction;

a mode setting unit operable to set the warning mode on receipt of the warning mode instruction;

an electronic key generating unit operable to generate the electronic key on receipt of the warning mode instruction;

an electronic key transmitting unit operable to transmit the generated electronic key to the mobile terminal device; and

an object control unit operable, when the warning mode has been set, to control the prescribed operation exclusively in accordance with the control instruction from the mobile terminal device using the electronic key.

17. (Cancelled)

18. (Currently Amended) A control method for use by a mobile terminal device that instructs an object control device to control a prescribed operation of an object targeted for theft prevention and includes an electronic key storage unit, ~~comprising the steps of:~~

transmitting₁ to the object control device₁ a warning mode instruction indicating to set a warning mode;

receiving an electronic key from the object control device;
writing the received electronic key to the electronic key storage unit; and
instructing the object control device to control the prescribed operation of the target object.

19. (Currently Amended) A non-transitory computer readable recording medium having stored thereon a computer program for use by a mobile terminal device that instructs an object control device to control a prescribed operation of an object targeted for theft prevention and includes an electronic key storage unit, wherein, when executed, the computer program causes the mobile terminal device to perform a method comprising: ~~the steps of:~~

transmitting₂ to the object control device₂ a warning mode instruction indicating to set a warning mode;

receiving an electronic key from the object control device;
writing the received electronic key to the electronic key storage unit; and
instructing the object control device to control the prescribed operation of the target object.

20. (Cancelled)

21. (Cancelled)

22. (Currently Amended) A control method used by an object control device that controls a prescribed operation of an object targeted for theft prevention in response to a[[an]] control instruction from a mobile terminal device, comprising: ~~the steps of:~~

receiving a warning mode instruction indicating to set a warning mode;
setting the warning mode when the warning mode instruction is received;
generating an electronic key;
transmitting the generated electronic key to the mobile terminal device; and
controlling the prescribed operation exclusively in accordance with the control instruction from the mobile terminal device using the electronic key.

23. (Currently Amended) A non-transitory computer readable recording medium having stored thereon a computer program used by an object control device that controls a prescribed operation of an object targeted for theft prevention in response to a control instruction from a mobile terminal device, wherein, where executed, the computer program causes the object control device to perform a method comprising: ~~the steps of:~~

- receiving a warning mode instruction indicating to set a warning mode;
- setting the warning mode when the warning mode instruction is received;
- generating an electronic key;
- transmitting the generated electronic key to the mobile terminal device; and
- controlling the prescribed operation exclusively in accordance with the control instruction from the mobile terminal device using the electronic key.

24. (Cancelled)

25. (Cancelled)